

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/776,080	02/11/2004	Shane Record	WBELT-007XX	2376
75	90 10/14/2005		EXAM	INER
Bourque & As	ssociates, P.A.		BIDWELL	JAMES R
Suite 301 835 Hanover St	reet		ART UNIT	PAPER NUMBER
Manchester, N	H 03104		3651	

DATE MAILED: 10/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary 10/776,080 RECORD, SHANE	No. Applicant(s)				
James R. Bidwell 3651	RECORD, SHANE	Office Action Summany			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.138(a). In no event, however, may a reply be limely filed after SIX (9) MONTHS from the mailing date of this communication. Follows to reply within the set of the service of the communication of will apply a skill MONTHS from the realing date of this communication. Follows to reply within the set of the service of t	Art Unit	Onice Action Summary			
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.134(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the malling date of this communication. I NO period for reply is specified above, the maximum statutory period will expire SIX (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply reached by the Chifce lister than three months after the making date of this communication, even if timely filed, may reduce any cered patient term adjustment. See 37 CFR 1.794(b). Status 1) ☑ Responsive to communication(s) filed on 29 April 2005. 2a) ☐ This action is FINAL. 2b) ☑ This action is non-final. 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☑ Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☑ Claim(s) is/are allowed. 6) ☑ Claim(s) is/are allowed. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).					
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Estratorison of time may be available under the provisions of 3r CFR 1.38(a). In no event, however, may a reply be timely filled after SIX (b) MONTHS from the mailing date of this communication. - If No period for reply is specified above, the maximum statutury period will apply and will expire SIX (b) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S. \$ 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any sarred patent term adjustment. See 37 CFR 1.704(b). Status 1) □ Responsive to communication(s) filed on 29 April 2005. 2a) □ This action is FINAL. 2b) □ This action is FINAL. 2b) □ This action is FINAL. 2c) □ This action as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) □ Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) □ is/are withdrawn from consideration. 5) □ Claim(s) □ is/are allowed. 6) □ Claim(s) 1-4.10-12,14,15,17-23,25-27,29,30,32-39,41-43,46 and 47 is/are rejected. 7) □ Claim(s) □ are subject to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on □ is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c)	cover sheet with the correspondence address	The MAILING DATE of this communication app eriod for Reply			
1) Responsive to communication(s) filed on 29 April 2005. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-8.10-12.14.15.17-23.25-27.29.30.32-39.41-43.46 and 47 is/are rejected. 7) Claim(s) 9.13.16.24.28.31.40.44.45 and 48 is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:	S COMMUNICATION. , however, may a reply be timely filed expire SIX (6) MONTHS from the mailing date of this communication. ation to become ABANDONED (35 U.S.C. § 133).	WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing			
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-8,10-12,14,15,17-23,25-27,29,30,32-39,41-43,46 and 47 is/are rejected. 7) Claim(s) 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign		tatus			
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-8,10-12,14,15,17-23,25-27,29,30,32-39,41-43,46 and 47 is/are rejected. 7) Claim(s) 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign		1) Responsive to communication(s) filed on 29 Ap			
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 1-8,10-12,14,15,17-23,25-27,29,30,32-39,41-43,46 and 47 is/are rejected. 7) Claim(s) 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:	n-final.				
Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) ☒ Claim(s) 1-8.10-12.14.15.17-23.25-27.29.30.32-39.41-43.46 and 47 is/are rejected. 7) ☒ Claim(s) 9.13.16.24.28.31.40.44.45 and 48 is/are objected to. 8) □ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of:	· or	· <u>—</u>			
Disposition of Claims 4) ☐ Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-8,10-12,14,15,17-23,25-27,29,30,32-39,41-43,46 and 47 is/are rejected. 7) ☐ Claim(s) 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of:	•				
4) Claim(s) 1-48 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-8,10-12,14,15,17-23,25-27,29,30,32-39,41-43,46 and 47 is/are rejected. 7) Claim(s) 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:					
4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) ☒ Claim(s) 1-8,10-12,14,15,17-23,25-27,29,30,32-39,41-43,46 and 47 is/are rejected. 7) ☒ Claim(s) 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 is/are objected to. 8) □ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of:		· ·			
5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-8,10-12,14,15,17-23,25-27,29,30,32-39,41-43,46 and 47 is/are rejected. 7) ☐ Claim(s) 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of:					
6) ☐ Claim(s) 1-8,10-12,14,15,17-23,25-27,29,30,32-39,41-43,46 and 47 is/are rejected. 7) ☐ Claim(s) 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of:	nueration.				
7) Claim(s) 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:	6 and 47 is/are rejected	· <u> </u>			
Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:	-	<u> </u>			
Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:					
9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:	un ement.	-			
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:		pplication Papers			
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:		9) The specification is objected to by the Examiner			
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:	objected to by the Examiner.	10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.			
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:	held in abeyance. See 37 CFR 1.85(a).	Applicant may not request that any objection to the o			
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:	if the drawing(s) is objected to. See 37 CFR 1.121(d).	Replacement drawing sheet(s) including the correcti			
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:	the attached Office Action or form PTO-152.	11) The oath or declaration is objected to by the Exa			
a) All b) Some * c) None of:		riority under 35 U.S.C. § 119			
		a) All b) Some * c) None of:			
1. Certified copies of the priority documents have been received.	·				
2. Certified copies of the priority documents have been received in Application No	•				
3. Copies of the certified copies of the priority documents have been received in this National Stage	-				
application from the International Bureau (PCT Rule 17.2(a)).	• • •	• •			
* See the attached detailed Office action for a list of the certified copies not received.	ed copies not received.	" See the attached detailed Office action for a list of			
Address water)		Maaharan442)			
Attachment(s) 1) Notice of References Cited (RTO 802) 1) Intention Summary (RTO 412)	Intentions Summans (PTO 412)	_			
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152) Other:	Paper No(s)/Mail Date Notice of Informal Patent Application (PTO-152)	Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)			

Application/Control Number: 10/776,080

Art Unit: 3651

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-8, 10-12, 14, 15, 17-23, 25-27, 29, 30, 32-39, 41-43, 46 and 47 are rejected under 35 U.S.C. 102(b) as being anticipated by Peterson (U.S. Patent 3,494,456).

Peterson shows a hanger portion 34 having a horizontal length and at least one hinge portion having a first section disposed at an angle A1 relative to the hanger portion. Also shown is a second section disposed at an angle at least approximately 180 degrees relative to a longitudinal axis of the first section. The second section of the hinge portion is sized and shaped to fit around at least a portion of an adjacent link. Attached is a marked up copy of Figure 2 of Peterson showing the claimed elements.

Re claim 2, the hanger portion 34 includes a horizontal section.

Re claim 3, the angle A1 is shown as being U-shaped.

Re claim 4, the embodiment in Figure 4 shows a more V-shaped portion.

Re claim 5, a trapezoidal shaped portion is also shown.

Re claim 6, Figure 3 clearly teaches having end 24 at a distance less than the thickness of a cross-section thickness of the hanger portion.

Re claim 7, shown are two legs with an angle A1 between them.

Re claim 8, see Figure 2.

Re claim 10, this appears to be shown in Figure 3.

Application/Control Number: 10/776,080

Art Unit: 3651

Page 3

Re claims 11 and 12, both U and V shapes are anticipated by the Figures.

Re claim 14, a flat carry surface is shown.

Re claim 15, the adjacent links are all in the same plane.

Re claim 17, as per above in particular claim 6.

Re claim 18, as per claim 2 rejection.

Re claim 19, as per claim 3 rejection.

Re claim 20, as per claim 4 rejection.

Re claim 21, as per claim 5 rejection.

Re claim 22, as per claim 7 rejection.

Re claim 23, as per claim 8 rejection.

Re claim 25, as per claim 10 rejection.

Re claim 26 and 27, as per rejection of claims 11 and 12.

Re claim 29, as per claim 14 rejection.

Re claim 30, as per claim 15 rejection.

Re claim 32, the links are able to rotate relative to one another.

Re claim 33, as per claim 6 rejection.

Re claim 34, as per claim 2 rejection.

Re claim 35, as per claim 3 rejection.

Re claim 36, as per claim 4 rejection.

Re claim 37, as per claim 5 rejection.

Re claim 38, as per claim 7 rejection.

Re claim 39, as per claim 8 rejection.

Art Unit: 3651

Re claim 41, as per claim 10 rejection.

Re claim 42 and 43, as per rejections of claims 11 and 12.

Re claim 46, a flat carry surface is shown.

Re claim 47, as per claim 15 rejection.

Claims 9, 13, 16, 24, 28, 31, 40, 44, 45 and 48 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Bartkowiak (U.S. Patent 5,069,331) shows a link chain that appears to anticipate at least claim 1.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James R. Bidwell whose telephone number is (571)272-6910. The examiner can normally be reached on Tues.-Fri. from 6:30 to 4:00. The examiner can also be reached on alternate Mondays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gene O. Crawford, can be reached on 517-272-6911. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for

Application/Control Number: 10/776,080

Art Unit: 3651

published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

10-11-2005

JRB

ES R. BIDWELL
IARY EXAMINER 10/11/05

Page 5